

FIG. 1

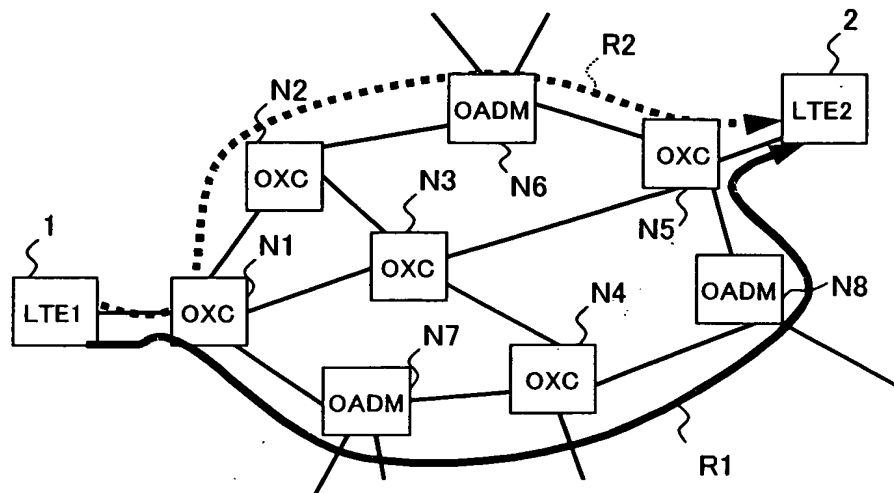


FIG. 2

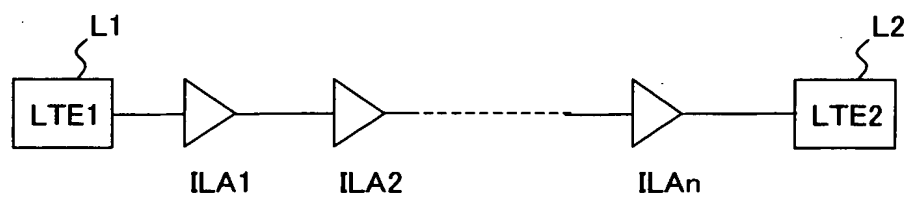


FIG. 3

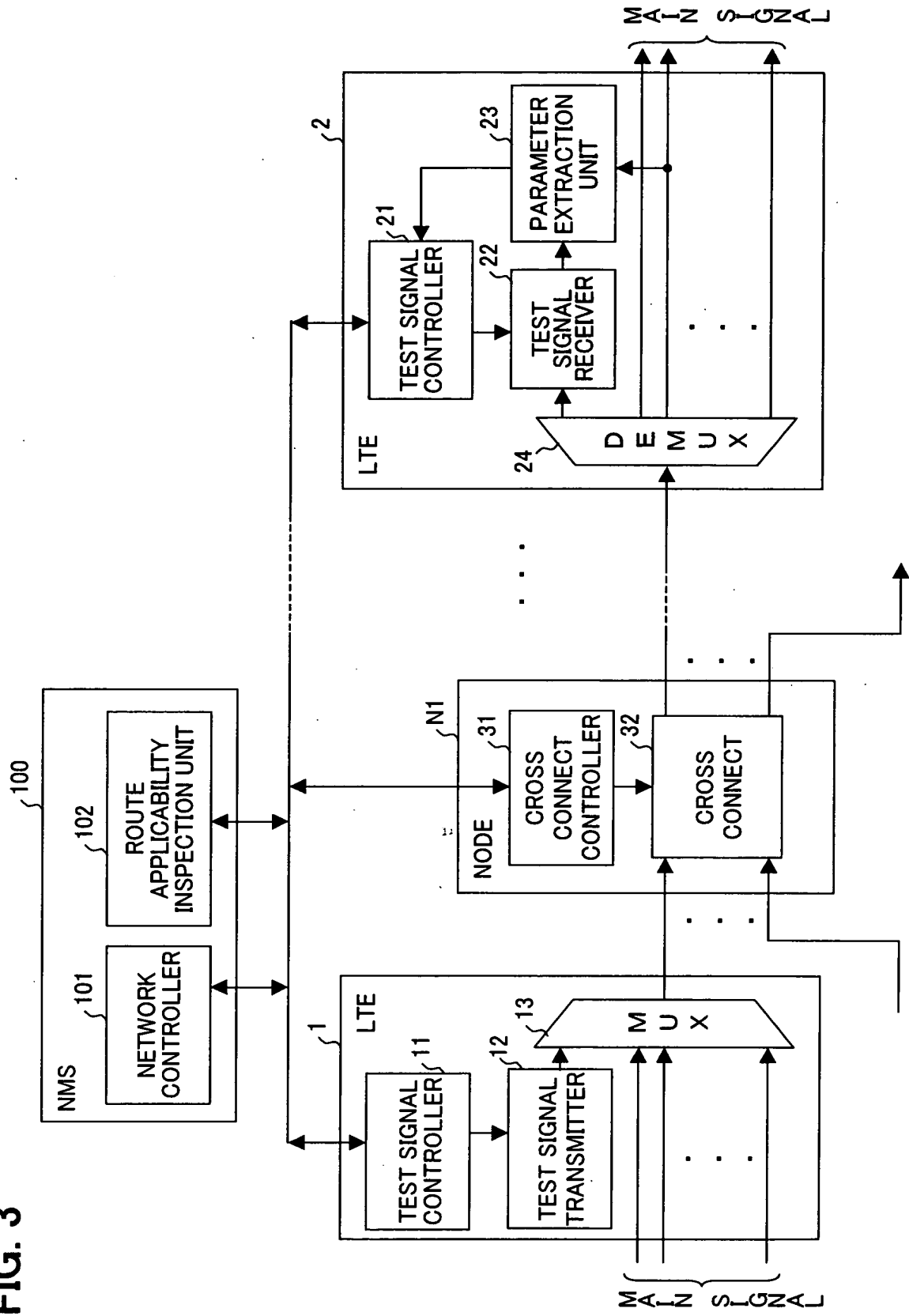


FIG. 4

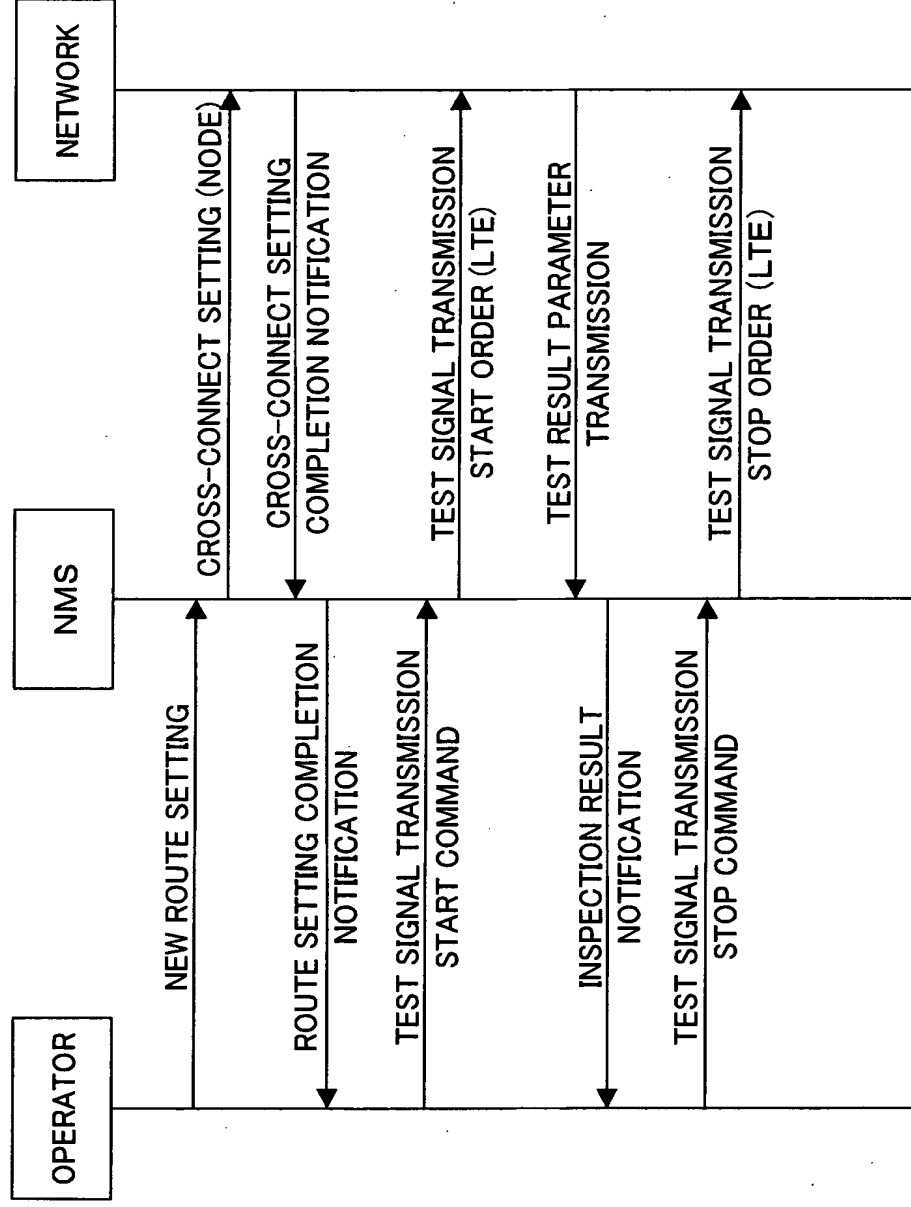


FIG. 5

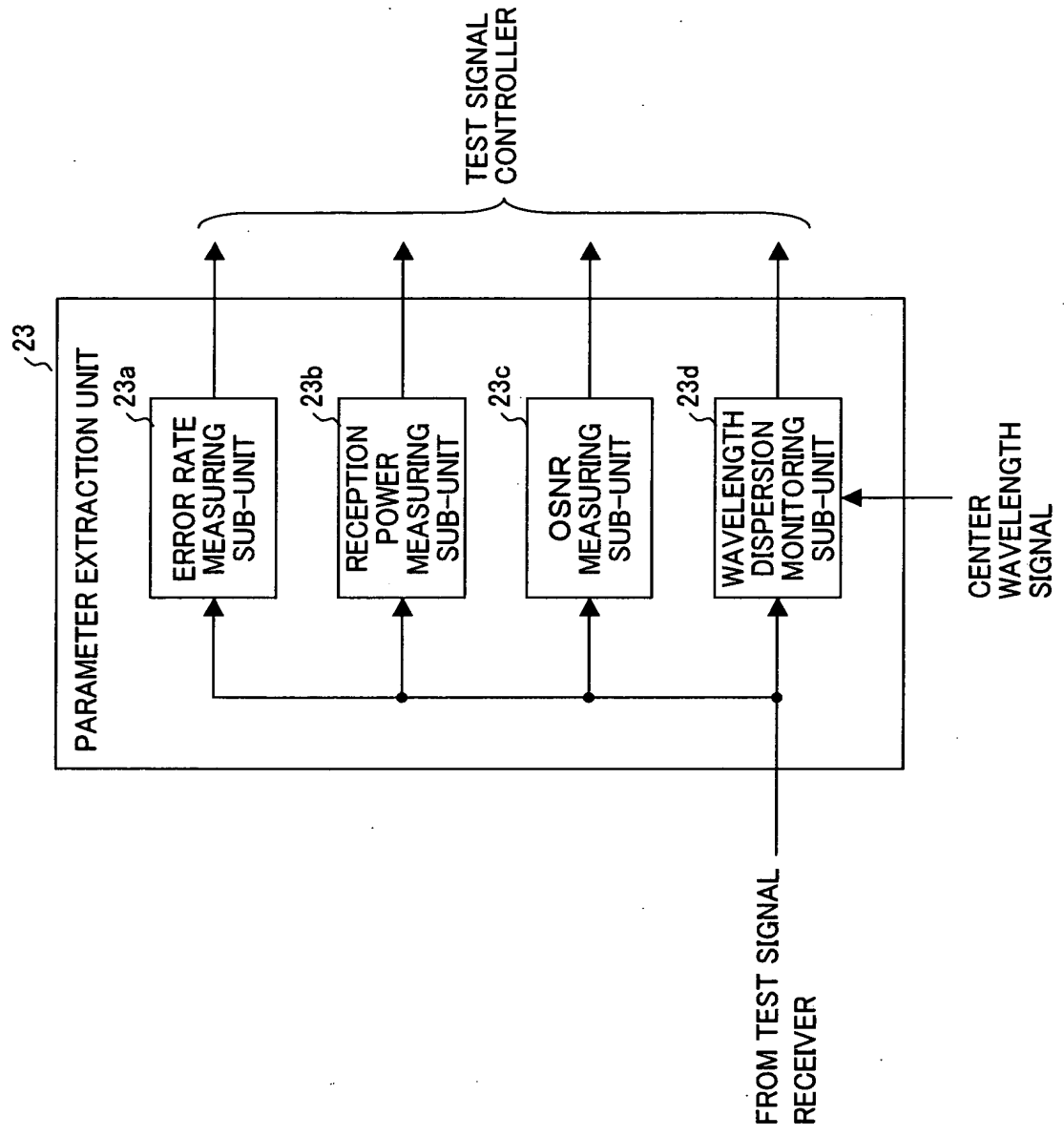


FIG. 6A

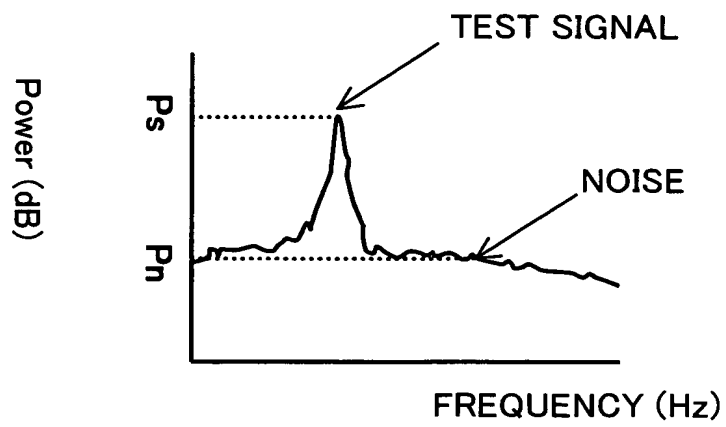


FIG. 6B

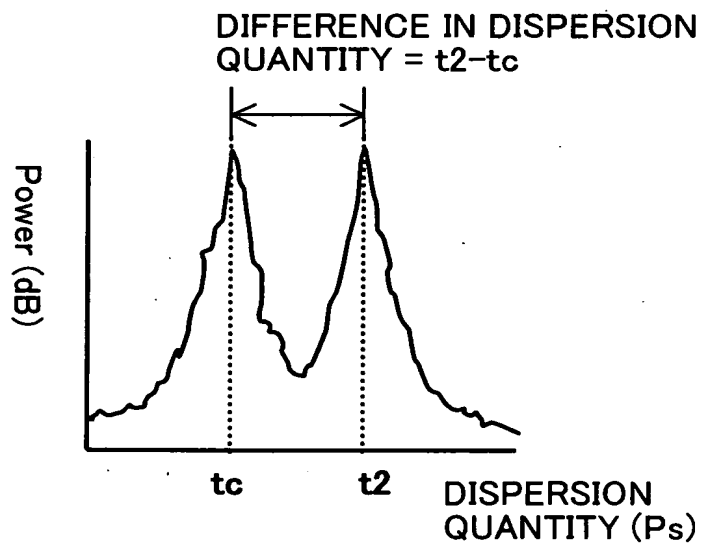


FIG. 7

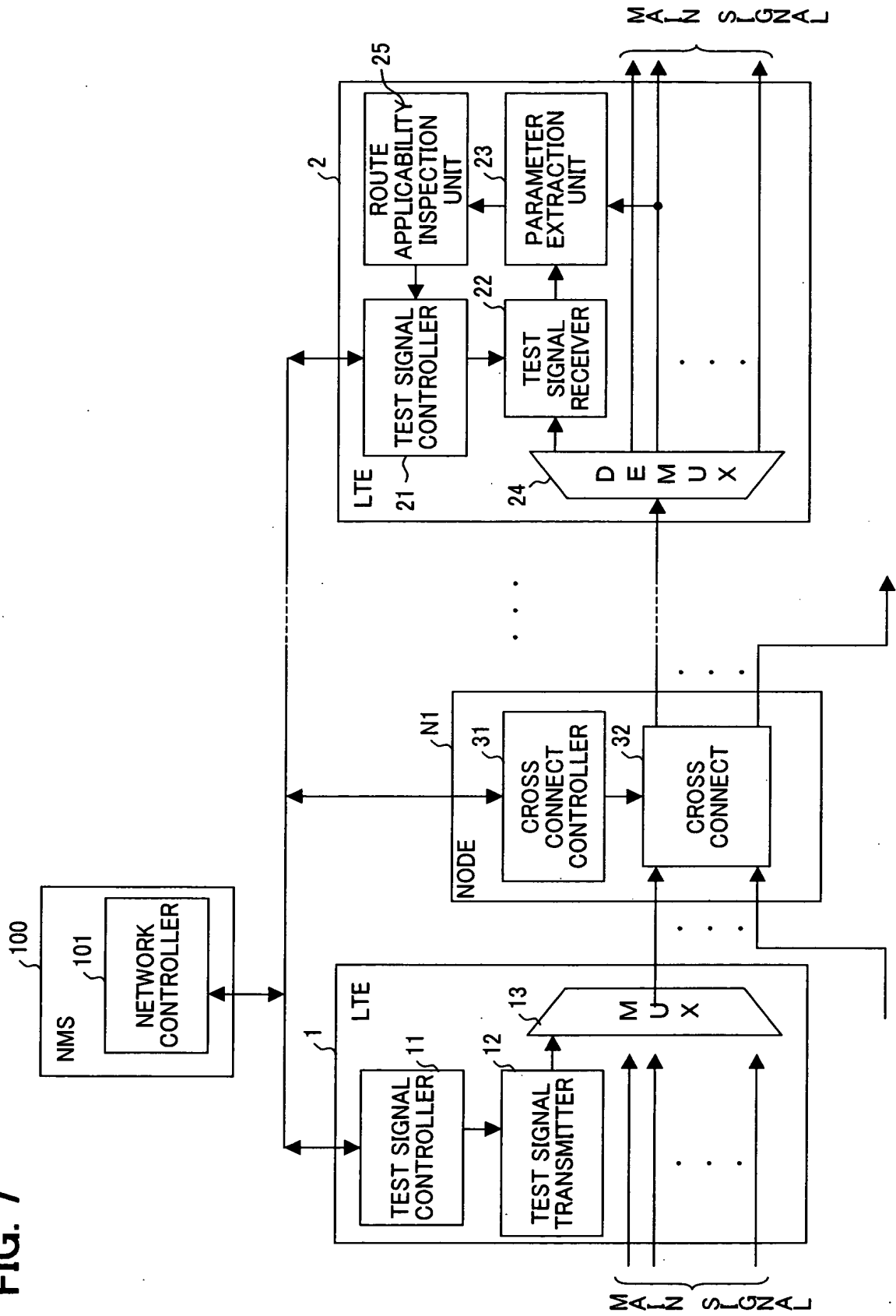


FIG. 8

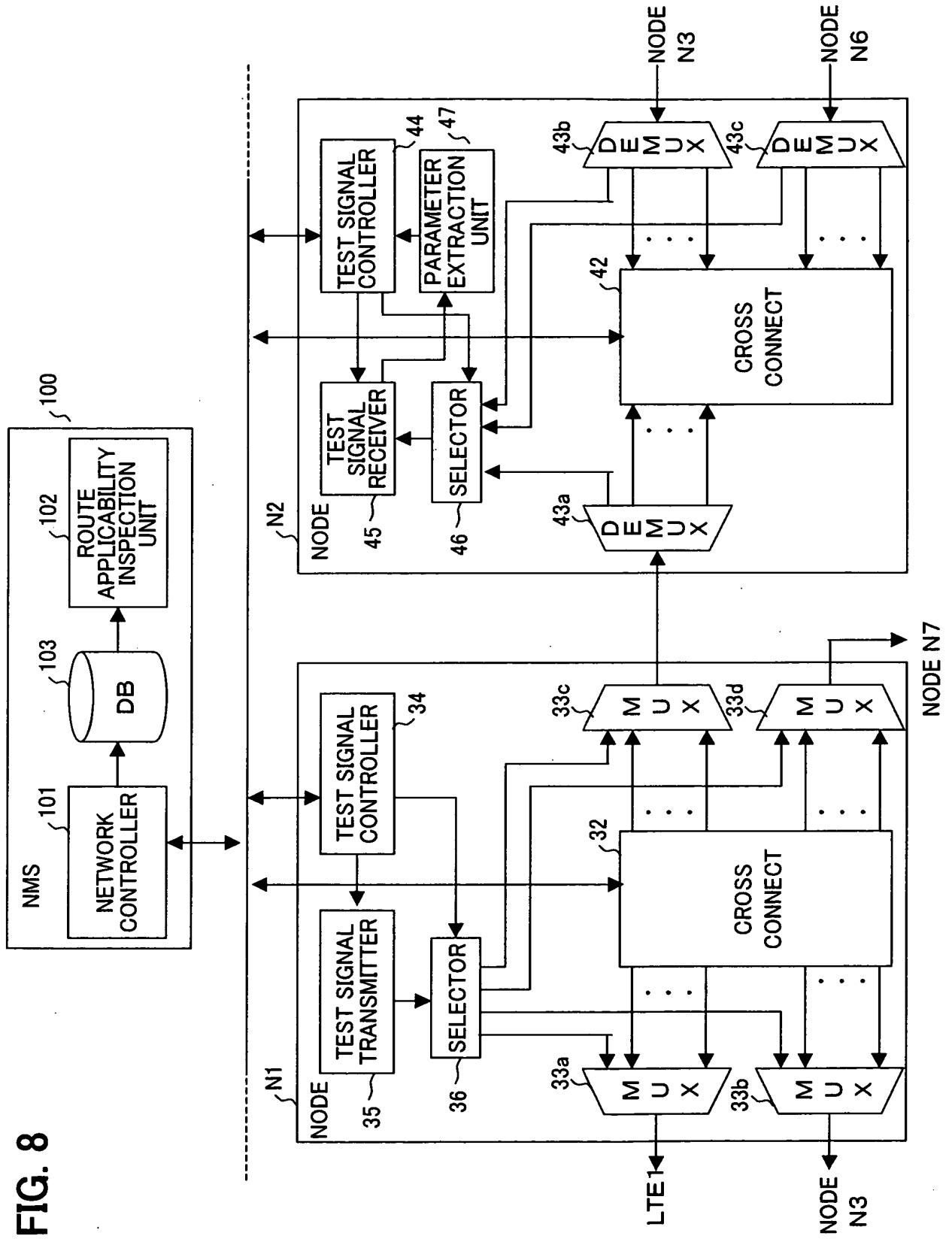


FIG. 9

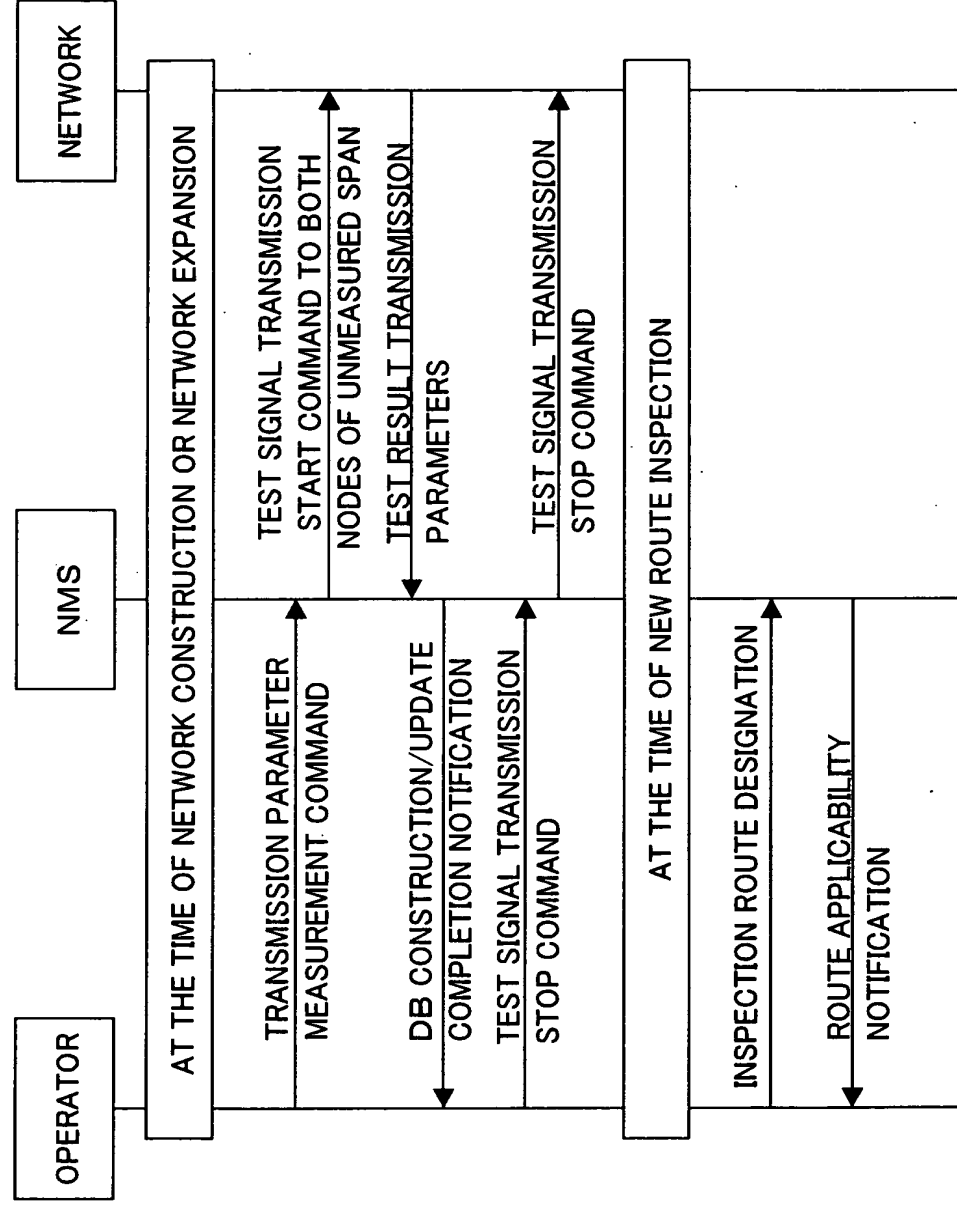
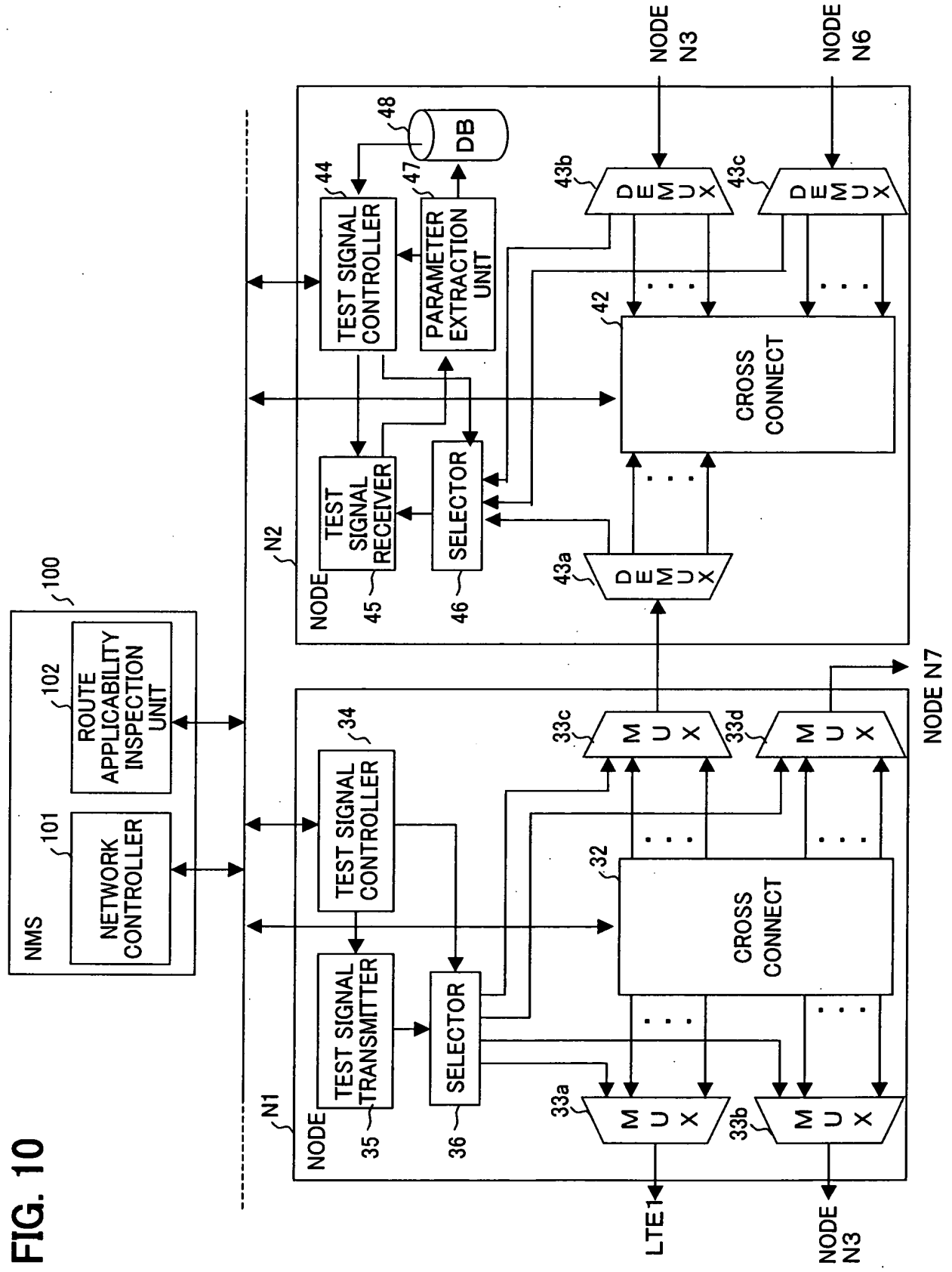


FIG. 10



**FIG. 11**

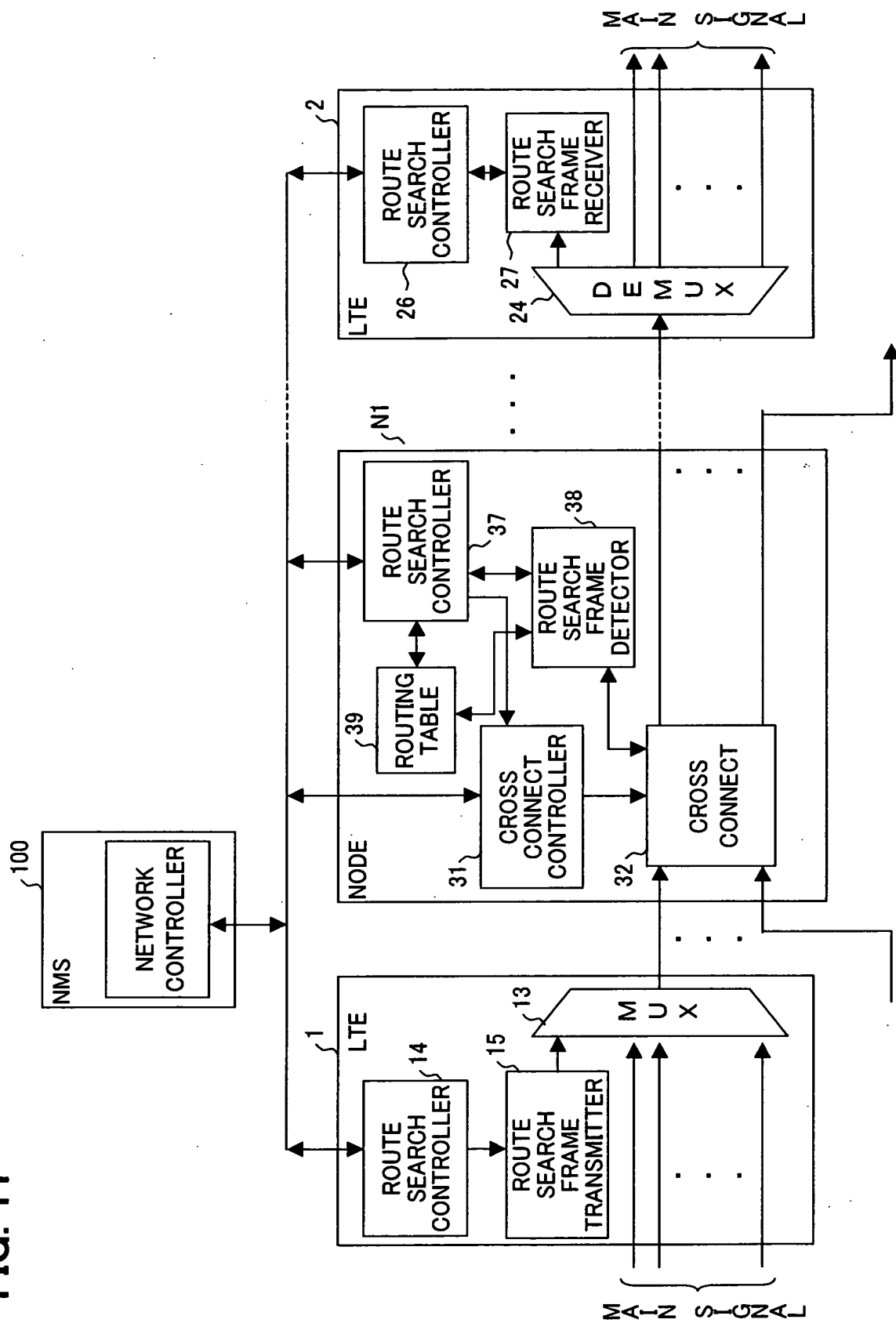
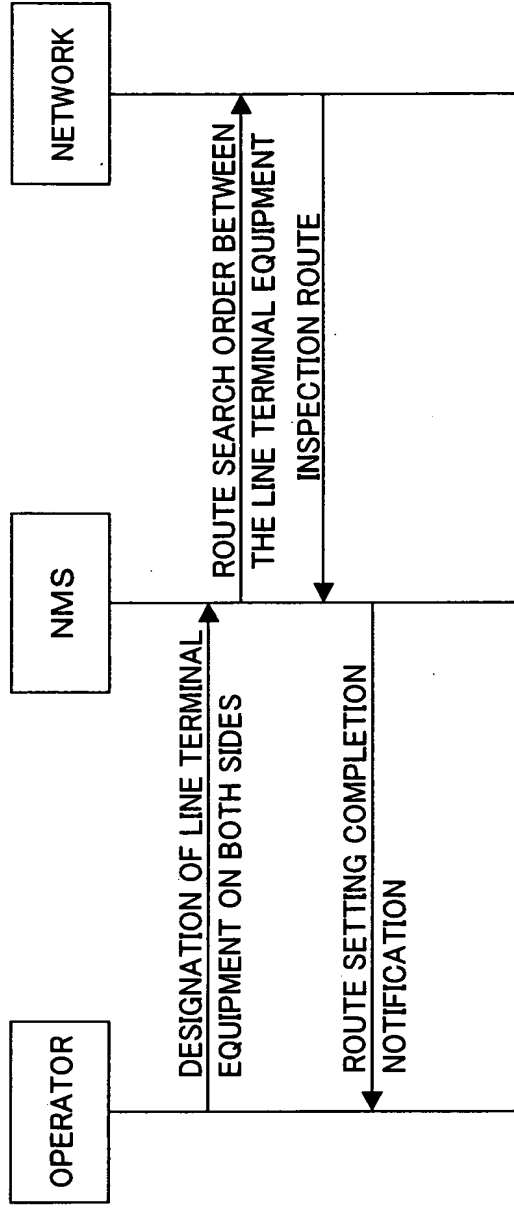
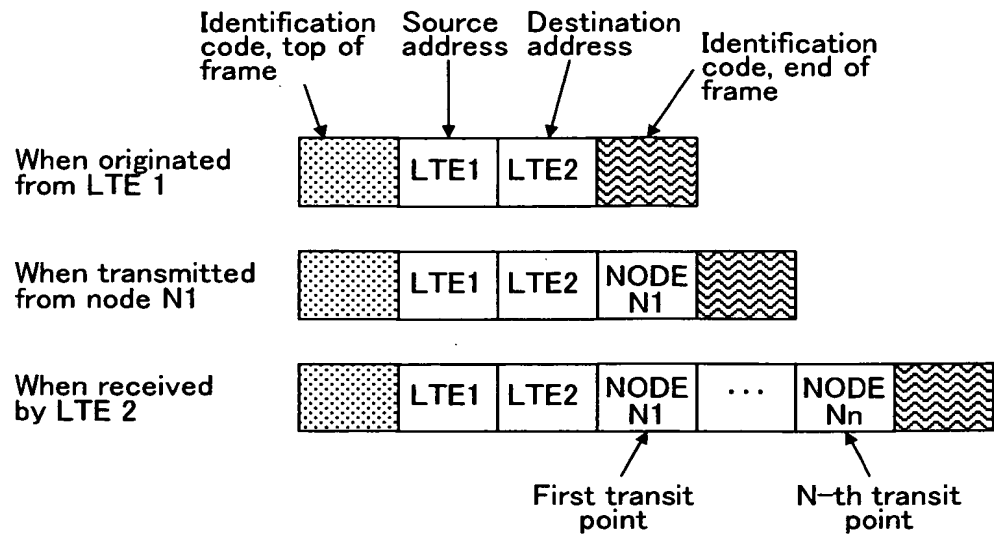


FIG. 12



**FIG. 13**



**FIG. 14**

DESTINATION ADDRESS	PRIORITY ORDER	CURRENT ROUTE	ROUTING ADDRESS	TRANSMISSION LOSS(dB)	OPTICAL SNR(dB)	WAVELENGTH DISPERSION(ps)
LTE1	1	-	NODE N2	25	35	800
LTE1	2	-	NODE N3	27	33	1000
LTE2	1	○	NODE N2	25	35	800
LTE2	2	-	NODE N3	27	33	1000
LTE2	3	-	NODE N4	27	32	900
⋮	⋮	⋮	⋮	⋮	⋮	⋮
LTE <sub>n</sub>	M	-	NODE N <sub>n</sub>	29	35	1300